INTERNATIONAL SEARCH REPORT

Int....al Application No PCT/IB2004/051385

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B20/00 G06F G06F17/60 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B G06F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ' Relevant to claim No. X EP 0 372 601 A (PHILIPS NV) 1-8, 13 June 1990 (1990-06-13) 13 - 20column 1, line 1 - line 7 column 2, line 19 - column 3, line 37 column 7, line 3 - line 56 column 9, line 3 - line 11 claim 13 Y 9-12 21-24 EP 0 973 265 A (SONY CORP) 9-11, 19 January 2000 (2000-01-19) 21-23 the whole document Υ US 2002/136124 A1 (PIROT FRANCOIS-XAVIER 12,24 ET AL) 26 September 2002 (2002-09-26) the whole document -/--Further documents are listed in the continuation of box C. l X l Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 15 December 2004 23/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fac: (+31-70) 340-3016 Barel-Faucheux, C

INTERNATIONAL SEARCH REPORT

		PC1/182004/051385		
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	US 5 083 224 A (HOOGENDOORN ABRAHAM ET AL) 21 January 1992 (1992-01-21) column 2, line 19 - column 4, line 67	1-24		
A	WO 01/73997 A (JEMILI KANAAN; METOIS ERIC (US); PETROVIC RADE (US); VERANCE CORP (US) 4 October 2001 (2001-10-04) figure 1a page 11, line 5 - page 13, line 21	1-24		
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	·			
	-			

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern al Application No PCT/IB2004/051385

Patent document cited in search report			Publication date	Patent family member(s)		Publication date	
EP 037	72601	A	13-06-1990	NL	8802769	Δ	01-06-1990
			10 00 1000	NL	8901032		01-06-1990
				AT	118932		15-03-1995
				AU	626605		06-08-1992
				AU		A	31-05-1990
				BR	8905770		05-06-1990
				DE	68921305		30-03-1995
				DE		T2	07-09-1995
				EP	0372601		
							13-06-1990
				ES	2071645		01-07-1995
				HK	61296		19-04-1996
				JP	2183468		18-07-1990
				JP	2993685		20-12-1999
				KR	137473		15-06-1998
				US 	5161210	A 	03-11-1992
EP 097	73265	Α	19-01-2000	JР	2000031831	Α	28-01-2000
				EP	0973265		19-01-2000
				KR	2000011716		25-02-2000
				US	6690831	B1	10-02-2004
US 200	02136124	A1	26-09-2002	FR	2769119	A1	02-04-1999
				ΑT	257972	T	15-01-2004
				ΑU	9270198	Α	23-04-1999
				BR	9815393	Α	16-01-2001
				CA	2304686		08-04-1999
				CN	1271452		25-10-2000
				DE	69821129		19-02-2004
				DE	69821129		18-11-2004
				ΕP	1018113		12-07-2000
•				WO	9917281		08-04-1999
				JP	2001518674		16-10-2001
US 508	 B3224	A	21-01-1992	NL.	8900934	 Д	01-11-1990
		••		CN	1046408		24-10-1990
				EP	0392612		17-10-1990
				ĴΡ	2292776		04-12-1990
						_	
WO 01	73997	Α	04-10-2001	AU WO	4771001 0173997		08-10-2001